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(71) Applicant (for all designated States except US): DYNA-
TREND AS [NO/NO]; P.O. Box 8034, N-4068 Stavanger
(NO).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MOEN, Lyder
[NO/NO]; Norvegen 5, N-4056 Tananger (NO).

(74) Agent: HÅMSØ PATENTBYRÅ ANS; P.O. Box 171,
N-4302 Sandnes (NO).

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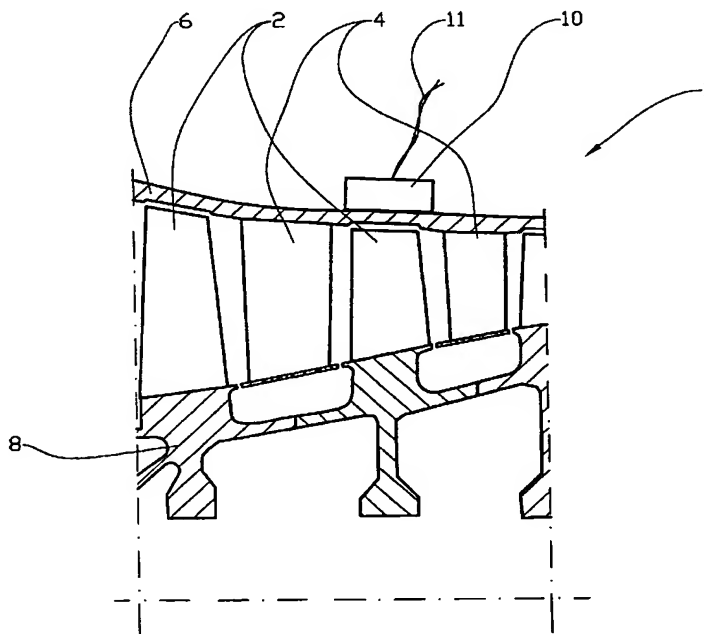
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(54) Title: METHOD AND DEVICE FOR DETERMINATION OF THE CONDITION OF A TURBINE BLADE, AND UTILIZ-
ING THE COLLECTED INFORMATION FOR ESTIMATION OF THE LIFETIME OF THE BLADE



(57) Abstract: A method and device for
determining the condition of a turbine blade
(2, 4) in a compressor and utilizing the
collected information in an estimation of the
lifetime of the turbine blade (2, 4), wherein
a measured value reflecting the condition
of the turbine blade (2, 4) is generated by a
vibration sensitive sensor (10) connected to
the compressor's (1) casing (6).